



INTERNATIONAL SHIP CLASSIFICATION

10 Anson Road, #25-01 International Plaza Singapore 079903
Tel: +65 6225 2565 Fax: +65 6225 2265 Email: Info@isclass.org

CIRCULAR



CERT. NO.: FM/FS 504144
BS EN ISO 9001 : 2000

To : All Offices
From : General Manager
ISClass
Date : 14 Nov 06
Ref : CIR06/0018

SHORE-BASED COMPUTERIZED PROGRAMS FOR DAMAGE STABILITY & RESIDUAL STRUCTURAL STRENGTH CALCULATIONS

1. The addition of a new Regulation 37.4 to the revised MARPOL 73/78 Annex I will come into force on 01 January 2007. This new requirement shall apply to both new and existing oil tankers.
2. The new regulation reads “**All oil tankers of 5000 tonnes deadweight or more shall have prompt access to computerized shore-based damage stability and residual structural strength calculation programs**”.
3. The following items / conditions shall be verified by the attending surveyor during the course of a survey:
 - a. Existence of a contract between the ship and a shore-based service provider with access to an up-to-date computer model of the ship, and that a copy of such contract is available onboard.
 - b. Existence of a statement from the shore-based service provider indicating that proven computer hardware and software with trained personnel are available and capable of providing computer calculation capabilities as per the regulation.
 - c. Master having easy access to the shore-based service provider at any time.
 - d. Indication of the contact details of the shore-based service provider to the list of contact points in the SOPEP manual.
4. This circular shall take immediate effect.

Attachment: Contents of the Revised Annex I of MARPOL 73/78

CONTENTS OF THE REVISED ANNEX I OF MARPOL 73/78

CHAPTER 1 GENERAL

Regulation 1	Definitions
Regulation 2	Applications
Regulation 3	Exemptions and waivers
Regulation 4	Exceptions
Regulation 5	Equivalents

CHAPTER 2 SURVEYS AND CERTIFICATION

Regulation 6	Surveys
Regulation 7	Issue or endorsement of certificate
Regulation 8	Issue or endorsement of certificate by another Government
Regulation 9	Form of certificate
Regulation 10	Duration and validity of certificate
Regulation 11	Port State control on operation requirements

CHAPTER 3 REQUIREMENTS FOR MACHINERY SPACES OF ALL SHIPS

Part A Construction

Regulation 12	Tanks for oil residue (sludge)
Regulation 13	Standard discharge connection

Part B Equipment

Regulation 14	Oil filtering equipment
---------------	-------------------------

Part C Control of operational discharge of oil

Regulation 15	Control of discharge of oil
Regulation 16	Segregation of oil and water ballast and carriage of oil in forepeak tanks
Regulation 17	Oil Record Book, Part I – Machinery space operations

CHAPTER 4 REQUIREMENTS FOR THE CARGO AREAS OF OIL TANKERS

Part A Construction

Regulation 18	Segregated ballast tanks
Regulation 19	Double hull and double bottom requirements for oil tankers delivered on or after 6 July 1996
Regulation 20	Double hull and double bottom requirements for oil tankers delivered before 6 July 1996
Regulation 21	Prevention of oil pollution from oil tankers carrying heavy grade oil as cargo
Regulation 22	Pump room bottom protection
Regulation 23	Accidental oil outflow performance
Regulation 24	Damage assumptions

Regulation 25	Hypothetical outflow of oil
Regulation 26	Limitations of size and arrangement of cargo tanks
Regulation 27	Intact stability
Regulation 28	Subdivision and damage stability
Regulation 29	Slop tanks
Regulation 30	Pumping, piping and discharge arrangement

Part B Equipment

Regulation 31	Oil discharge monitoring and control system
Regulation 32	Oil/water interface detector
Regulation 33	Crude oil washing requirements

Part C Control of operational discharge of oil

Regulation 34	Control of discharge of oil
Regulation 35	Crude oil washing operations
Regulation 36	Oil Record Book, Part II – Cargo/ballast operations

CHAPTER 5 PREVENTION OF OIL POLLUTION ARISING FROM AN OIL POLLUTION INCIDENT

Regulation 37	Shipboard oil pollution emergency plan
---------------	--

CHAPTER 6 RECEPTION FACILITIES

Regulation 38	Reception facilities
---------------	----------------------

CHAPTER 7 SPECIAL REQUIREMENTS FOR FIXED OR FLOATING PLATFORMS

Regulation 39	Special requirements for fixed or floating platforms
---------------	--

APPENDICES TO ANNEX I

Appendix I	List of oils
Appendix II	Form of IOPP Certificate
Appendix III	Form of Oil Record Book

--- End of Document ---